

**Black River High School; Black River District 16**

The Former Black River Union Free School District 16: Despite an advantageous location and a good water power site, the village of Black River grew slowly . There was only one house there in 1818 and by 1826 only three more families had been added. About this time, the village belatedly "woke up", and a long period of steady growth set in. The population of Black River was about 700 in 1890 and it became an incorporated village in 1891. The Rutland portion of Black River being the oldest, the first schoolhouse was erected on this side. Various sources list the date of construction as early as 1810, but this seems unlikely for a number of reasons, population not the least of these. It is doubtful if there was a schoolhouse in Black River Village before 1825.

In 1882 a stone school was constructed on the easterly corner of Remington and West streets. It was replaced by a frame schoolhouse in 1853. In the Book of Deeds 106, page 501, there is recorded a deed for one quarter of an acre known as the schoolhouse lot, from John and Lucinda Augsbury, on March 2, 1852, to Rutland District 14. In 1852-64 period, the district was changed to Rutland No. 8. The first movement to establish a school district on the LeRay side of the river was started in 1836. On March 14 of that year a new school district was formed and numbered LeRay No. 14 - unfortunately the number also given to the school on the opposite side of the river - a fact that has led to some confusion, but early maps clearly show schoolhouses on each side of the river.



On May 2, 1836 Christopher and Mary Poor sold a parcel of land to LeRay 14 for \$15. The deed is recorded in Book of Deeds 84, Page 438. Nelson Scott contracted to construct the schoolhouse and the new frame building was finished Oct 23, 1882 on what is the site of the Masonic Hall in Black River. In 1893, Common School Districts 8 of Rutland and 14 of LeRay were joined together as Black River Union Free School District No. 14. For a time after the merger, both schoolhouses were used. A state charter granted to the district on Nov. 21, 1895, authorized the Black River school to operate as a junior school (four year high school courses were not offered.)

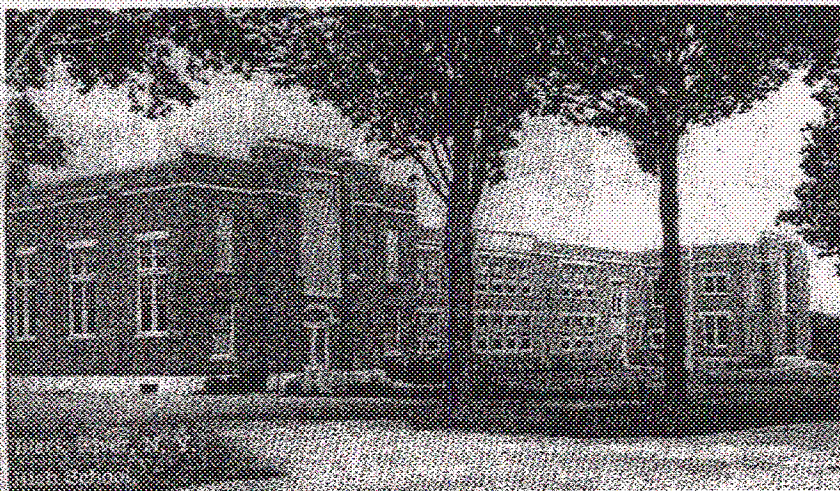
In 1899, it was voted at a special meeting to erect a new, larger building on a new site. A lot was purchased on the north-east corner of South Main and East Remington streets, former site of an old hotel. For \$6,943, George Walcott contracted to build the school, which was to contain six rooms for the grades and high school. It was ready for use on January 8, 1900. (pictured above) The old school lots were disposed of. On Aug. 1904, Black River became a full-fledged high school chartered to grant diplomas. The school experienced growing pains between 1900 and 1929, the year Black River High School was built. The faculty increased from five to 13 teachers. Some rooms had to be divided in two and an outside building was rented to accommodate the student load.

In 1928 the new two story school was constructed of brick and located on the north side of LeRay street at the edge of town. This is the basis of the Black River school we know today. A full time music instructor was added to the faculty in 1935 and a cafeteria followed in 1947. Two years later, adult education became a part of the program with bookkeeping, shorthand and sewing classed.

The old high school was sold to A. R. Baldick in 1930. It was renovated into an apartment house, with the name "Baldick Apts" appearing high across the front.

In 1956, Black River voted to become part of the Carthage Central School District. Louis Hervey was high school principal at the time. The senior class of 1957 was the last to attend Black River High and the 21 seniors took part in commencement exercises at the Carthage Central High School on Martin Street Road. The Fort Drum expansion that began in 1985 made it evident that Black River needed to be larger. District voters responded by voting for a new science wing and a \$7 million expansion and renovation project. The project involved renovating the old high school and adding a new two-story, 31-room wing which would house a cafeteria, large gymnasium, computer center, classrooms and building offices. The old gymnasium is the current school's library. Other parts of the old high school rooms that were converted to music rooms, rooms for disabled students and other classrooms.

Construction had to be done while the students attended classes in the new wing while the old school was being remodeled. The building was dedicated on Tuesday, April 25, 1989 with Brigadier General Sherman Williford as guest speaker.



*Black River High School.*

[Home](#)

[Roll of Teachers](#)

CRT, August 24, 1961



March 2004

## **EXHIBIT 7**

**(Black River Free Library Information)**



BLACK RIVER FREE LIBRARY  
102-104 MAPLE ST PO BOX 253  
ZIP 13612

BLR JEFF COUNTY  
TEL. (315) 773-5163

LIB. MRS SANDRA LAMB\*

HOURS:		WINTER	SUMMER (MEML. DAY -LABOR DAY)
SUN	CLOSED		CLOSED
MON	2:00-6:00		2:00-6:00
TUE	2:00-5:00	6:30-8:00	2:00-5:00 6:30-8:00
WED	1:00-5:00	6:30-8:00	1:00-5:00 6:30-8:00
THU	3:00-5:00		3:00-5:00
FRI	10:00-1:00	3:00-5:00	10:00-1:00 3:00-5:00
SAT	9:00-1:00		CLOSED

TRUSTEES:

PRES. MRS CHRISTINE HOFFMAN  
V.P. MR PATRICK HUNT  
SEC. MRS SALLY EBERSBACH  
TREAS. MRS CAROL SEMRAU  
OTHERS MRS MARY LOUISE HUNT  
MRS TERRY INGERSOLL  
MRS BETTY DOHERTY

AREA CHARTERED TO SERVE - VILLAGE  
POP. CHARTERED TO SERVE - 1285  
INTERNET ADDRESS - blrlib@nnyln.net  
\* SENATE DISTRICT #48 - Mr. J. Wright  
\* ASSEMBLY DISTRICT #122 - Mrs. D. Scozzafava

ASSOCIATION LIBRARY  
ABS CHARTER - 6/23/1972  
REGISTRATION - 06/25/1917  
DELIVERY DAY - Wed  
CONSULTANT - 08  
Susan Charley

**EXHIBIT 8**  
**(Black River Businesses)**

Displaying 1-25 of 61

Page: 1 2 3




Go To Page:


You must enter the code below in order to advance to subsequent pages.

<input type="checkbox"/>	Company Name	Address	City/ State	ZIP	Phone	Linkage	
						Up	Down
<input type="checkbox"/>	A A & J INSURANCE	27786 STATE ROUTE 342	BLACK RIVER, NY	13612	(315) 775- 0617		
<input type="checkbox"/>	ALPHA PAGING INC	20381 MISER RD	BLACK RIVER, NY	13612	(315) 782- 2536		
<input type="checkbox"/>	AMERICAN LEGION	113 E DEXTER ST	BLACK RIVER, NY	13612	(315) 773- 5768	⬆	
<input type="checkbox"/>	AMERICAN TREE PROFESSIONALS	30225 BURNUP RD	BLACK RIVER, NY	13612	(315) 785- 5612		
<input type="checkbox"/>	AMERICAN WOOD SPLITTER INC	29642 COUNTY ROUTE 50	BLACK RIVER, NY	13612	(315) 773- 2300		
<input type="checkbox"/>	BLACK RIVER AMBULANCE INC	121 LERAY ST	BLACK RIVER, NY	13612	(315) 773- 4501		
<input type="checkbox"/>	BLACK RIVER CO-OP PRESCHOOL	W REMINGTON ST	BLACK RIVER, NY	13612	(315) 773- 8868		
<input type="checkbox"/>	BLACK RIVER FREE LIBRARY	102 MAPLE ST	BLACK RIVER, NY	13612	(315) 773- 5163		
<input type="checkbox"/>	BLACK RIVER MUNICIPAL GARAGE	MAPLE ST	BLACK RIVER, NY	13612	(315) 773- 5093		

<input type="checkbox"/>	BLACK RIVER SCHOOL	160 LERAY ST	BLACK RIVER, NY	13612	(315) 773-5911		
<input type="checkbox"/>	BLACK RIVER TREE REMOVAL	29807 ANDREWS RD	BLACK RIVER, NY	13612	(315) 773-4509		
<input type="checkbox"/>	BLACK RIVER UNITED METHODIST	144 S MAIN ST	BLACK RIVER, NY	13612	(315) 773-5015		
<input type="checkbox"/>	BLIZZARD BARN	SCHOOLHOUSE RD	BLACK RIVER, NY	13612	(315) 773-2233		
<input type="checkbox"/>	BRIARWOOD MEADOWS APARTMENTS	100 STONE DR # A	BLACK RIVER, NY	13612	(315) 773-0024		
<input type="checkbox"/>	BRUCE FUNERAL HOME	131 MAPLE ST	BLACK RIVER, NY	13612	(315) 773-5932		
<input type="checkbox"/>	CENTER STAGE STUDIO OF DANCE	106 S MAIN ST	BLACK RIVER, NY	13612	(315) 773-2623		
<input type="checkbox"/>	CESARIO JR, VINCENT A DDS	103 S MAIN ST	BLACK RIVER, NY	13612	(315) 773-4204		
<input type="checkbox"/>	CINDY'S BEAUTY SHOP	182 W REMINGTON ST	BLACK RIVER, NY	13612	(315) 773-2249		
<input type="checkbox"/>	COMMUNITY BANK	28499 NEW YORK ROUTE 3	BLACK RIVER, NY	13612	(315) 773-5686		
<input type="checkbox"/>	CONTINENTAL BAKING CO	102 W REMINGTON	BLACK RIVER, NY	13612	(315) 773-4432		
<input type="checkbox"/>	CRISTO LA ROCA	PO BOX 248	BLACK RIVER, NY	13612	(315) 782-9076		
<input type="checkbox"/>	DAYSTAR PRODUCTIONS	28556 STATE ROUTE 342	BLACK RIVER, NY	13612	(315) 773-5673		
<input type="checkbox"/>	DELTA COMMUNICATIONS INC	20381 MISER RD	BLACK RIVER, NY	13612	(315) 782-2736		
<input type="checkbox"/>	DOUG MAIN WASTE OIL FURNACES	21672 MISER HILL RD	BLACK RIVER, NY	13612	(315) 786-8758		
<input type="checkbox"/>	DRUM INSURANCE	27786 STATE ROUTE 342	BLACK RIVER, NY	13612	(315) 775-0617		

Page: 1 2 3



Next

Go To Page:



10 Prints/Downloads per Search

[business data] [residential data]  
 [about us] [contact us] [help] [home]



Displaying 26-50 of 61

 Previous

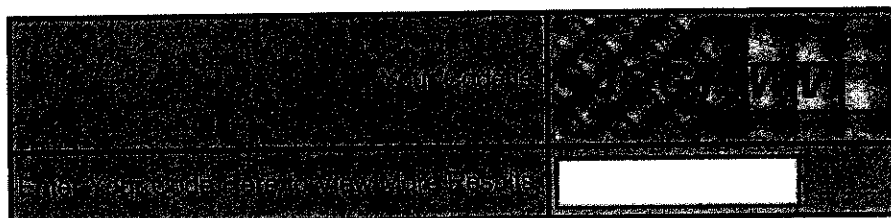
Page: 1 2 3


 Next

Go To Page:

You must enter the code below in order to advance to subsequent pages.



	Company Name	Address	City/State	ZIP	Phone	Linkage	
						Up	Down
<input type="checkbox"/>	EAT IT & BEAT IT HOT DOGS	8827 MAPLE ST	BLACK RIVER, NY	13612	(315) 773-5709		
<input type="checkbox"/>	EDDY'S LANDSCAPING & LAWN CARE	28952 COUNTY ROUTE 49	BLACK RIVER, NY	13612	(315) 788-0927		
<input type="checkbox"/>	EDGEWOOD COURT TRAILER PARK	RR 1	BLACK RIVER, NY	13612	(315) 773-5710		
<input type="checkbox"/>	ELMER'S LIMOUSINE SVC	162 W REMINGTON ST	BLACK RIVER, NY	13612	(315) 773-5090		
<input type="checkbox"/>	FIRE DEPT	218 LERAY ST	BLACK RIVER, NY	13612	(315) 773-4522		
<input type="checkbox"/>	FIRST BAPTIST CHURCH-BLACK RVR	122 MAPLE ST	BLACK RIVER, NY	13612	(315) 773-4091		
<input type="checkbox"/>	GLEASON SEPTIC SVC	30104 STATE ROUTE 3	BLACK RIVER, NY	13612	(315) 773-4135		
<input type="checkbox"/>	GLEASON'S GATE II MOTEL	30120 STATE ROUTE 3	BLACK RIVER, NY	13612	(315) 773-4201		
<input type="checkbox"/>	HUMES REALTY & APPRAISAL SVC	168 N MAIN ST	BLACK RIVER, NY	13612	(315) 773-5947		
<input type="checkbox"/>	IN CAHOOTS	27790 STATE ROUTE 342	BLACK RIVER, NY	13612	(315) 775-1548		

<input type="checkbox"/>	JRECK SUBS	MAPLE ST	BLACK RIVER, NY	13612	(315) 773-5031		
<input type="checkbox"/>	KAMARGO APARTMENTS	224 LERAY ST	BLACK RIVER, NY	13612	(315) 773-6918		
<input type="checkbox"/>	KEG MASONRY CONSTRUCTION	ROUTE 3	BLACK RIVER, NY	13612	(315) 773-4135		
<input type="checkbox"/>	KINGDOM HALL-JEHOVAH'S WITNESS	28345 STATE ROUTE 342	BLACK RIVER, NY	13612	(315) 775-1215		
<input type="checkbox"/>	O'DONNELL'S MARKET	30119 STATE ROUTE 3	BLACK RIVER, NY	13612	(315) 773-5369		
<input type="checkbox"/>	PETRILLOSE'S CARPET & FURN CO	PO BOX 874	BLACK RIVER, NY	13612	(315) 778-3731		
<input type="checkbox"/>	RAIBLE'S LAUNDRY & SEWING CTR	OUTER MAPLE	BLACK RIVER, NY	13612	(315) 773-6039		
<input type="checkbox"/>	REFLECTIONS CARPET & FLOOR	167 N MAIN ST	BLACK RIVER, NY	13612	(315) 773-4193		
<input type="checkbox"/>	RELIEF RENTALS	152 MAPLE ST	BLACK RIVER, NY	13612	(315) 773-2358		
<input type="checkbox"/>	RUDELL BUSINESS MACHINES INC	28547 STATE ROUTE 342	BLACK RIVER, NY	13612	(315) 773-5621		
<input type="checkbox"/>	RYDER TRUCK RENTAL INC	112 W RUTLAND ST	BLACK RIVER, NY	13612	(315) 773-3625		
<input type="checkbox"/>	SIMPLY CRITICAL EDUCATORS	128 E REMINGTON ST	BLACK RIVER, NY	13612	(315) 771-8563		
<input type="checkbox"/>	ST JOHN'S EPISCOPAL CHURCH	423 W REMINGTON ST	BLACK RIVER, NY	13612	(315) 773-4047		
<input type="checkbox"/>	ST PAULS CATHOLIC CHURCH	208 LERAY ST	BLACK RIVER, NY	13612	(315) 773-5672		
<input type="checkbox"/>	STEWART'S SHOP	28715 ROUTE 3	BLACK RIVER, NY	13612	(315) 773-5061		

  
Previous

Page: 1 2 3

  
Next

Go To Page:



10 Prints/Downloads per Search

[business data] [residential data]  
 [about us] [contact us] [help] [home]

Contact Us Need Help? E-mail us at [reference@infoUSA.com](mailto:reference@infoUSA.com). Privacy

Displaying 51-61 of 61

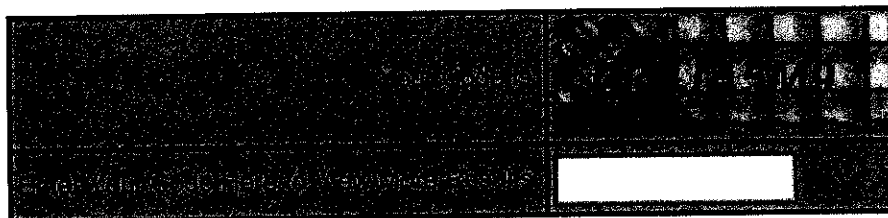

  
Previous



Page: 1 2 3

Go To Page:

You must enter the code below in order to advance to subsequent pages.



	Company Name	Address	City/State	ZIP	Phone	Linkage	
						Up	Down
<input type="checkbox"/>	SWANK CAFE	30092 STATE ROUTE 3	BLACK RIVER, NY	13612	(315) 775-1969		
<input type="checkbox"/>	SWEETHAVEN HOLY CHURCH OF GOD	ROUTE 342	BLACK RIVER, NY	13612	(315) 773-1717		
<input type="checkbox"/>	TAN LINES	29734 COUNTY ROUTE 50	BLACK RIVER, NY	13612	(315) 773-3360		
<input type="checkbox"/>	US POST OFFICE	RR 3	BLACK RIVER, NY	13612	(315) 773-5000		
<input type="checkbox"/>	VELLANO BROTHERS	ROUTE 342	BLACK RIVER, NY	13612	(315) 773-5130		
<input type="checkbox"/>	VIDEO LOFT BLACK RIVER	29730 COUNTY ROUTE 50	BLACK RIVER, NY	13612	(315) 775-0271		
<input type="checkbox"/>	VILLAGE OF BLACK RIVER	102 S MAIN ST	BLACK RIVER, NY	13612	(315) 773-5721		
<input type="checkbox"/>	WALT PARKER'S AUTO COLLISION	28621 STATE ROUTE 3	BLACK RIVER, NY	13612	(315) 773-4019		
<input type="checkbox"/>	WATERTOWN HAULING	22360 CARD RD	BLACK RIVER, NY	13612	(315) 775-0349		
<input type="checkbox"/>	WHITE PINES FAIRWAY PIZZA	31382 COUNTY ROUTE 143	BLACK RIVER, NY	13612	(315) 775-1030		



<input type="checkbox"/>	WHITE PINES GOLF	31382 COUNTY ROUTE 143	BLACK RIVER, NY	13612	(315) 773-3744		
--------------------------	------------------	---------------------------	--------------------	-------	----------------	--	--

 Previous

Page: 1 2 3

Go To Page:

10 Prints/Downloads per Search

[\[business data\]](#) [\[residential data\]](#)  
[\[about us\]](#) [\[contact us\]](#) [\[help\]](#) [\[home\]](#)

Contact Us Need Help? E-mail us at [reference@infoUSA.com](mailto:reference@infoUSA.com). Privacy

© 2005 infoUSA Inc. All Rights Reserved. 5711 South 86th Circle P.O. Box 27347 Omaha, NE 68127  
IP: 209.101.135.132

**EXHIBIT 9**  
**(Technical Exhibit)**

**TECHNICAL EXHIBIT**

**PETITION FOR RULE MAKING  
TO AMEND THE FM TABLE OF ALLOTMENTS**

**Channel 223A  
Old Forge, New York  
Black River, New York**

Radioactive, LLC (hereinafter Radioactive) was awarded an allotment for channel 223A at Old Forge, New York in Auction 37. By this petition, Radioactive seeks to amend Section 73.202(b) of the Rules to delete channel 223A at Old Forge, New York, and add channel 223A at Black River, New York. On June 7, 2005, Radioactive was granted a construction permit (FCC File Number BNPH-20050103AFU) for a new commercial FM broadcast station to operate on channel 223A at Old Forge. This permit has not been constructed; consequently, implementation of this proposal will not result in loss of service to the public.

Use of channel 223A to Black River is mutually exclusive with the existing channel 223A allotment at Old Forge.

The following is a summary of the merits of this reallocation proposal:

1. Black River, New York, an incorporated community with a 2000 Census population of 1,285, will be provided with its first local aural transmission service.
2. The proposed channel 223A allotment at Black River, New York, satisfies the Commission's minimum distance separation requirements with respect to all domestic allotments and assignments.



**DENNY & ASSOCIATES, P.C.**  
**CONSULTING ENGINEERS**  
**OXON HILL, MARYLAND**

---

Technical Exhibit, Radioactive Petition for Rule Making

Page 2

To delete channel 223A, Old Forge, NY and add 223A at Black River, NY

3. With regard to international interference concerns the proposed 223A allotment will comport with the standards set forth in the 1991 *Working Agreement Between the Government of Canada and the Government of the United States of America* as amended in 1997 (Agreement).
4. The proposed 60 dB $\mu$  coverage contour for channel 223A at Black River, New York, encompasses 93,516 persons assuming the use of maximum class A facilities

If channel 223A is deleted from Old Forge, New York, and channel 223A is added at Black River, New York, Petitioner will apply for a construction permit for channel 223A at Black River, New York, and will build a facility to serve Black River, New York, in full compliance with all pertinent FCC rules and regulations.

**PROPOSED CHANGE IN FM TABLE OF ALLOTMENTS**

<u>Community</u>	<u>Present</u>	<u>Proposed</u>
Old Forge, New York	223A	---
Black River, New York	---	223A

### **DOMESTIC ALLOTMENT RULES COMPLIANCE**

The attached Figure 1 of this exhibit is a tabulation of required minimum distance separations pertinent to use of channel 223A at Black River, New York. The allotment reference site located at geographic coordinates 44° 04' 01" North Latitude, 73° 38' 53" West Longitude (NAD27) meets the minimum distance separation requirements set forth in Section 73.207(b)(1) of the FCC rules with respect to all domestic assignments and allotments with the exception of the Old Forge allotment and associated entries which Radioactive proposes be deleted by the instant petition.

The attached Figure 2 illustrates that all of Black River is within 16.2 kilometers of the allotment reference site. This corresponds to the distance to the 70 dB $\mu$  contour for a maximum facility class A station calculated according to Section 73.313 of the Rules assuming uniform terrain in all directions, in accordance with current FCC practice. The 70dBu contour does not encompass any Urbanized Area as defined by the U.S. Census.

The population within the channel 223A maximum class A 60 dB $\mu$  contour was calculated using data from the 2000 U.S. Census database of population and housing centroids. A computer program enumerates the populations of those population centroids within the predicted 60 dB $\mu$  contour.

### **INTERNATIONAL AGREEMENT ALLOTMENT COMPLIANCE**

The proposed Radioactive transmitter site is approximately 41 kilometers from the US-Canada border and is short-spaced with respect to three Canadian assignments

**DENNY & ASSOCIATES, P.C.**  
**CONSULTING ENGINEERS**  
**OXON HILL, MARYLAND**

---

Technical Exhibit, Radioactive Petition for Rule Making Page 4  
To delete channel 223A, Old Forge, NY and add 223A at Black River, NY

and allotments: the class C1 co-channel operation of CFQRFM, Montreal, Quebec, the class C1 co-channel operation of CBCDFM, Pembroke, Ontario, and the class B first adjacent allotment at Smiths Falls, Ontario.

While the proposed site does not meet the working minimum distance separation requirements with respect to CFQRFM, CBCDFM or the allotment at Smiths Falls, Ontario, no prohibited contour overlap with any of the Canadian facilities or allotments is created by the instant petition. In compliance with the standards set forth in the Agreement, Radioactive proposes that its petition be granted with the condition that radiation be limited toward Canada so that prohibited contour overlap with the Canadian assignments and allotments identified hereunder is prevented.

A description of a hypothetical operation satisfying the above described radiation limits follows:

CFQRFM, Montreal, Quebec, operates on channel 223C1 with 41 kW ERP and 299 meters antenna radiation center HAAT at a site located at geographic coordinates 45° 30' 20" North Latitude, 73° 35' 32" West Longitude (NAD27). The proposed Radioactive site is located 228.1 kilometers from CFQRFM. The minimum Class A to Class C1 co-channel distance separation requirement under the working version of 73.207(b)(2) contained in the Agreement, is 239 kilometers. Thus, the Radioactive site is short-spaced 10.9 kilometers with respect to CFQRFM.

In the case of the co-channel Class C1 operation of CFQRFM, the Agreement states that objectionable interference shall be considered to exist if the proposed Radioactive 34 dBμ F(50,10) interfering contour overlaps the CFQRFM 54 dBμ F(50,50) protected service contour. Figure 3 of this exhibit shows that the proposed Radioactive



**DENNY & ASSOCIATES, P.C.**  
**CONSULTING ENGINEERS**  
**OXON HILL, MARYLAND**

---

Technical Exhibit, Radioactive Petition for Rule Making Page 5  
To delete channel 223A, Old Forge, NY and add 223A at Black River, NY

34 dB $\mu$  F(50,10) interfering contour does not overlap the CFQRFM 54 dB $\mu$  F(50,50) protected service contour at any point.

CBCDFM, Pembroke, Ontario, operates on channel 223C1 with 100 kW ERP and 158 meters antenna radiation center HAAT at a site located at geographic coordinates 45° 40' 53" North Latitude, 77° 05' 47" West Longitude (NAD27). The proposed Radioactive site is located 212.8 kilometers from CBCDFM. The minimum Class A to Class C1 co-channel distance separation requirement under the working version of 73.207(b)(2) contained in the Agreement is 239 kilometers. Thus, the Radioactive site is short-spaced 26.2 kilometers with respect to CBCDFM.

In the case of the co-channel Class C1 operation of CBCDFM, the Agreement states that objectionable interference shall be considered to exist if the proposed Radioactive 34 dB $\mu$  F(50,10) interfering contour overlaps the CBCDFM 54 dB $\mu$  F(50,50) protected service contour. Figure 3 of this exhibit shows that the proposed Radioactive 34 dB $\mu$  F(50,10) interfering contour does not overlap the CBCDFM 54 dB $\mu$  F(50,50) protected service contour at any point.

The reference coordinates for the first adjacent class B allotment at Smiths Falls, Ontario, are 44° 54' 00" North Latitude, 76° 01' 00" West Longitude (NAD27). The proposed Radioactive site is located 116.8 kilometers from the reference coordinates for the channel 222 B at Smiths Falls. The minimum Class A to Class B first adjacent distance separation requirement under the working version of 73.207(b)(2) contained in the Agreement is 132 kilometers. Thus, the Radioactive site is short-spaced 15.2 kilometers with respect to the Smiths Falls 222 B allotment.

**DENNY & ASSOCIATES, P.C.**  
**CONSULTING ENGINEERS**  
**OXON HILL, MARYLAND**

---

Technical Exhibit, Radioactive Petition for Rule Making Page 6  
To delete channel 223A, Old Forge, NY and add 223A at Black River, NY

In the case of the first adjacent class B allotment at Smiths Falls, the Agreement states that objectionable interference shall be considered to exist if the Radioactive 48 dB $\mu$  F(50,10) interfering contour overlaps the Class B allotment 54 dB $\mu$  F(50,50) protected service contour. Figure 3 of this exhibit shows that the proposed Radioactive 48 dB $\mu$  F(50,10) interfering contour does not overlap the Smiths Falls 222 B allotment 54 dB $\mu$  F(50,50) protected service contour.

As stated earlier, the proposed allotment site meets the minimum distance separation requirements for all domestic assignments and allotments. Radioactive proposes that the instant petition be granted specifying radiation limits toward Canada. In this hypothetical exercise, we have demonstrated that the use of a directional antenna solely for the purpose of limiting radiation toward Canada will allow the requested allotment to comport with the requirements of the Agreement with respect to Canadian allotments and assignments. As demonstrated in this exercise, the use of a directional antenna with a maximum radiation suppression of less than 12 dB would be required for a full class A operation in compliance with the Agreement at the proposed allotment coordinates.

**DENNY & ASSOCIATES, P.C.**  
**CONSULTING ENGINEERS**  
**OXON HILL, MARYLAND**

---

Technical Exhibit, Radioactive Petition for Rule Making  
To delete channel 223A, Old Forge, NY and add 223A at Black River, NY

Page 7

**CERTIFICATION**

I certify under penalty of perjury that the forgoing is true and correct. Executed  
on June 7, 2005.

A handwritten signature in black ink, appearing to read 'Alfred S. Kenyon, III', written in a cursive style.

Alfred S. Kenyon, III  
Senior Technical Consultant

Figure 1

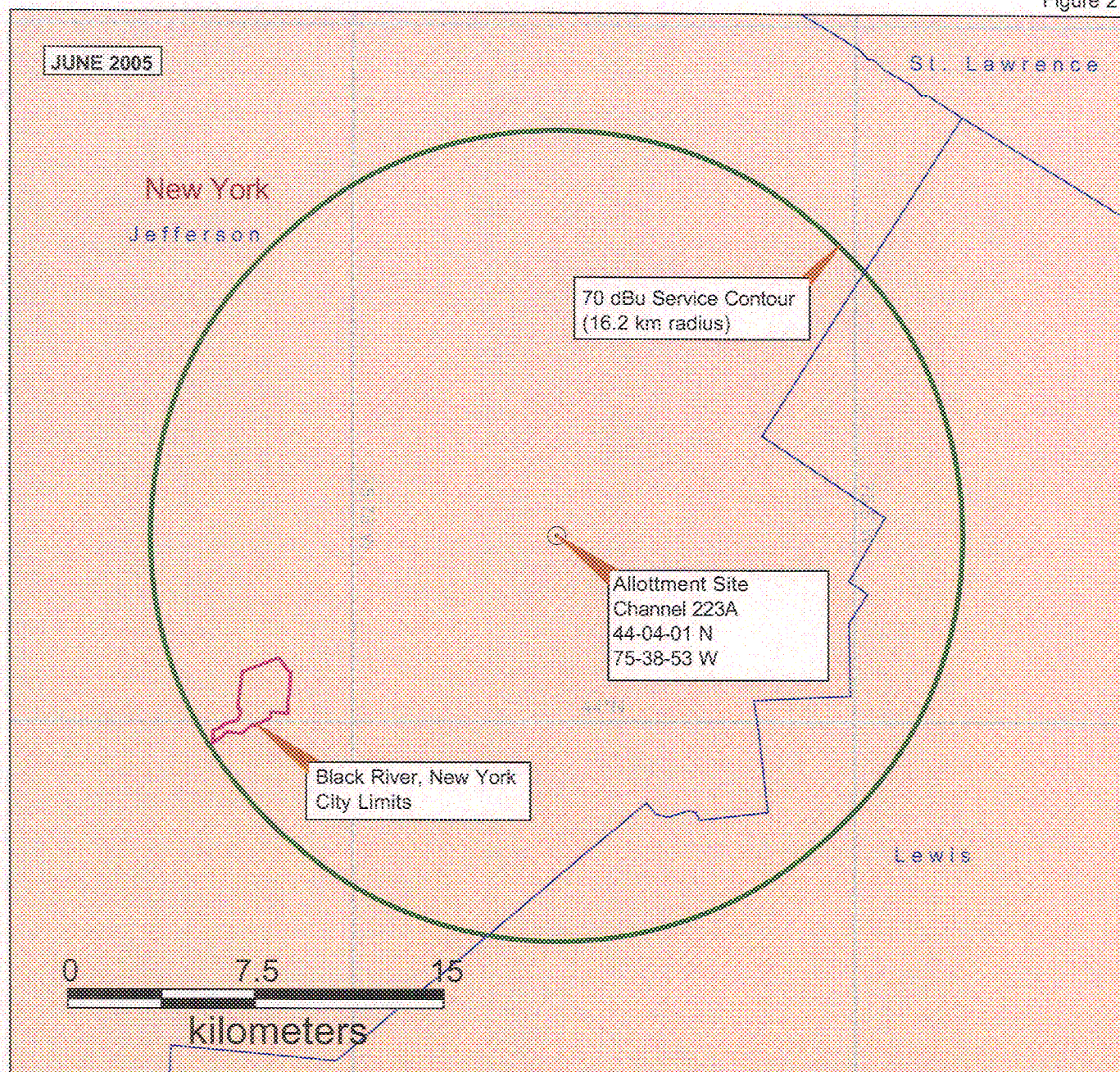
# Allocation Spacing Study for Channel 223A at Black River

At Reference Coordinates: 44-04-01 N 75-38-53 W (NAD27)

Call	City	State	Freq	Channel	ERP (kw)	Latitude (NAD27)		Longitude (NAD27)		Class	Status	Distance (kilometers)	Req Sep (kilometers)	Clearance
CFRCFM	KINGSTON	ON	91.9	220	1.25	44-13-37.0 N	76-29-43.0 W			A		70.08	37	33.1
	BELLEVILLE	ON	92.3	222		44-17-17.0 N	77-30-12.0 W			B1		150.39	113	37.4
	CARLETON PLACE	ON	92.3	222		45-04-50.0 N	76-05-53.0 W			A		118.17	85	33.2
	SMITHS FALLS	ON	92.3	222		44-54-00.0 N	76-01-00.0 W			A		97.1	85	12.1
	SMITHS FALLS	ON	92.3	222		45-04-05.0 N	76-05-53.0 W			B		116.85	132	-15.2
	SMITHS FALLS	ON	92.3	222		45-04-05.0 N	76-05-53.0 W			B		116.85	132	-15.2
CFQRFM	MONTREAL	QC	92.5	223	41.00	45-30-20.0 N	73-35-32.0 W			C1		228.1	239	-10.9
	OLD FORGE	NY	92.5	223		43-42-42.0 N	74-58-24.0 W			A	APP	67.07	115	-47.9
NEW	OLD FORGE	NY	92.5	223		43-42-42.0 N	74-58-24.0 W			A	APP	67.07	115	-47.9
NEW	OLD FORGE	NY	92.5	223		43-42-04.0 N	74-58-20.0 W			A	APP	67.84	115	-47.2
CBCDFM	PEMBROKE	ON	92.5	223	0.10	45-40-53.0 N	77-05-47.0 W			C1	USE	212.81	239	-26.2
CBCDFM	PEMBROKE	ON	92.5	223		45-40-53.0 N	77-05-47.0 W			C1	LIC	212.81	239	-26.2
WBEE-FM	ROCHESTER	NY	92.5	223	100.00	43-10-37.0 N	77-28-39.0 W			B	USE	177.72	178	-0.3
WBEE-FM	ROCHESTER	NY	92.5	223		43-10-37.0 N	77-28-39.0 W			B	LIC	177.72	178	-0.3
WBDB	OGDENSBURG	NY	92.7	224	50.00	44-42-21.0 N	75-27-55.0 W			A	USE	72.47	72	0.5
WBDB	OGDENSBURG	NY	92.7	224		44-42-21.0 N	75-27-55.0 W			A	LIC	72.47	72	0.5
CBBKFM	KINGSTON	ON	92.9	225	3.00	44-17-22.0 N	76-28-50.0 W			A		71.02	45	26
WTOJ	CARTHAGE	NY	103.1	276	1.60	43-57-16.0 N	75-43-45.0 W			A	USE	14.09	10	4.1
WTOJ	CARTHAGE	NY	103.1	276	0.00	43-57-15.0 N	75-43-45.0 W			A	LIC	14.12	10	4.1

Prepared on June 7, 2005

Figure 2



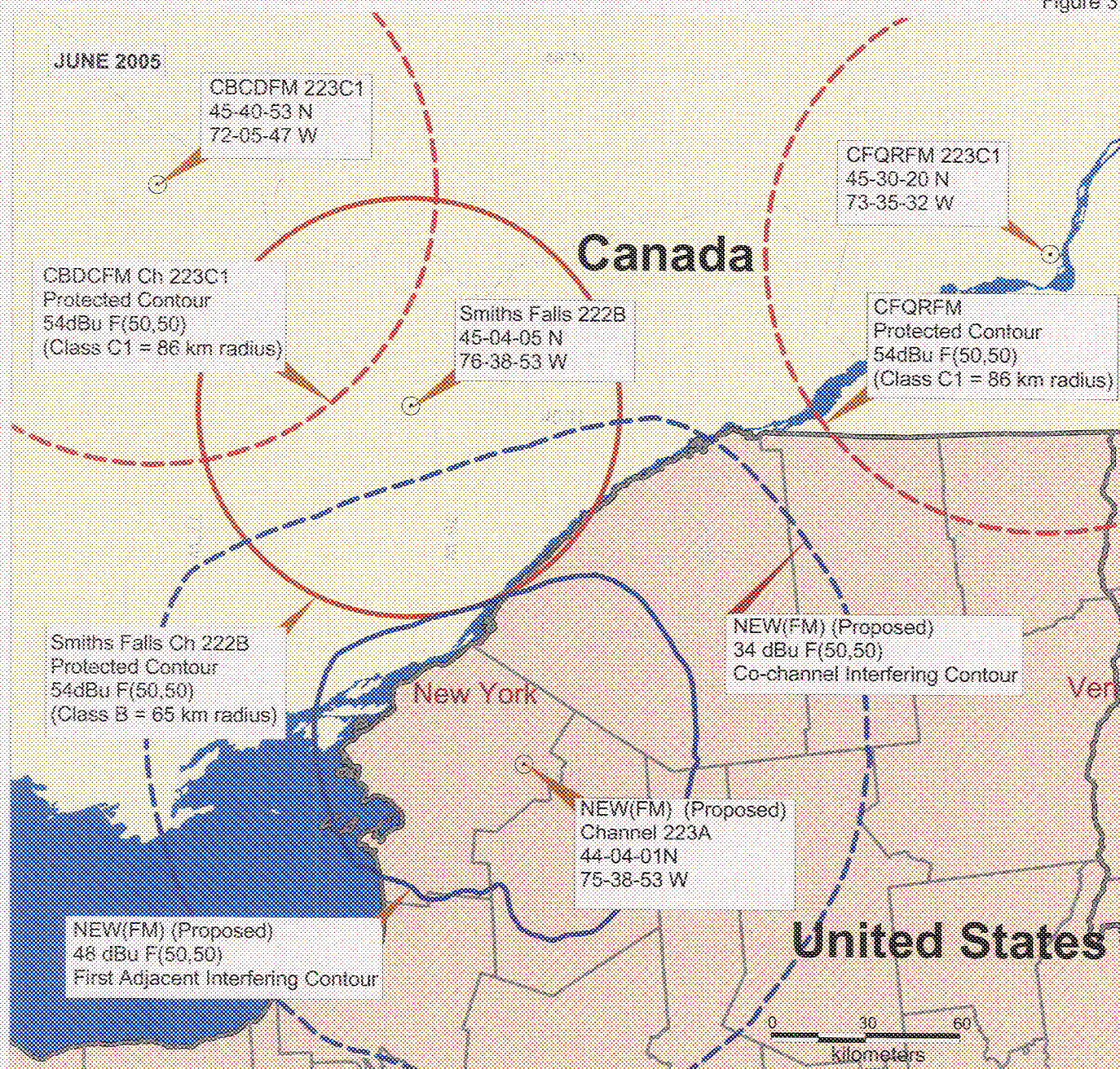
## **SERVICE AREA MAP COMMUNITY OF LICENSE COVERAGE**

Prepared for  
RADIOACTIVE, LLC.  
STATION NEW (FM) (PROPOSED) BLACK RIVER, NEW YORK  
CH 223A 6 KW 100 METERS

Denny & Associates, P.C. Consulting Engineers



Figure 3



## CANADA - UNITED STATES CONTOUR NONOVERLAP STUDY

Prepared for  
RADIOACTIVE, LLC.

STATION NEW (FM) (PROPOSED) BLACK RIVER, NEW YORK  
CH 223A 6 KW (MAX-DA, H&V) 100 METERS

Denny & Associates, P.C. Consulting Engineers